

E1
end

installing the second service module in the printer in place of the first service module;

using the second service module, conducting a special printhead-related servicing operation.

7. (Amended) A method for servicing an inkjet printer including an inkjet printhead with a nozzle plate and a first service module removably installed on the printer, comprising:

E2

identifying a printhead-related service condition not adequately addressed by servicing the printer with the first service module being in an un-worn condition;

providing a second service module with a service function different from the first service module and adapted to address said printhead-related service condition, the second service module removably installable on the printer and with respect to the first service module;

providing a set of instructions for using the second service module with the inkjet printer to the printer user, wherein the step of providing a set of instructions includes providing a set of machine readable printer instruction code for loading into the printer.

9. (Amended) A method for servicing an inkjet printer including an inkjet printhead with a nozzle plate and a first service module removably installed on the printer, comprising:

E3

identifying a printhead-related service condition not adequately addressed by servicing the printer with the first service module being in an un-worn condition;

providing a second service module with a service function different from the first service module and adapted to address said printhead-related service condition, the second service module removably installable on the printer and with respect to the first service module;

providing a set of instructions for using the second service module with the inkjet printer to the printer user, wherein the step of providing a set of instructions includes providing a set of human-readable instructions for using the second service module.

12. (Amended) A method for servicing an inkjet printer including an inkjet printhead with a nozzle plate and a first service module removably installed on the printer, comprising:

E4
identifying a printhead-related service condition not adequately addressed by servicing the printer with the first service module being in an un-worn condition;

providing a second service module with a service function different from the first service module and adapted to address said printhead-related service condition, the second service module removably installable on the printer and with respect to the first service module, wherein said printhead-related service condition includes ink accumulation on the nozzle plate, and wherein the second service module includes a wiper fabricated of silicon, or a textile, or a special rubber for removing the ink accumulation.

14. (Amended) A method for servicing an inkjet printer including an inkjet printhead with a nozzle plate and a first service module removably installed on the printer, comprising:

E5
identifying a printhead-related service condition not adequately addressed by servicing the printer with the first service module being in an un-worn condition;

Cont'd
providing a second service module with a service function different from the first service module and adapted to address said printhead-related service condition, the second service module removably installable on the printer and with respect to the first service module, wherein said printhead-related service condition includes ink on a printhead carriage interconnect, and the second service module includes a brush arranged to clean the interconnect.

15. (Amended) A method for servicing an inkjet printer including an inkjet printhead with a nozzle plate and a first service module removably installed on the printer, comprising:

identifying a printhead-related service condition not adequately addressed by servicing the printer with the first service module being in an un-worn condition;

*ES
end*

providing a second service module with a service function different from the first service module and adapted to address said printhead-related service condition, the second service module removably installable on the printer and with respect to the first service module, wherein said printhead-related service condition includes vibration or shock incurred during shipment or moving of the printer, and the second service module includes a special capping structure having a range of movement along an axis generally transverse to a nozzle array of the printhead, and a bias structure which urges the capping structure toward and into engagement with the printhead during a capping procedure.

19. (Amended) A method for servicing an inkjet printer including an inkjet printhead and a removable first service module, comprising:

providing a second service module different from the first service module and adapted to address a printhead-related service condition not adequately addressed by the first service module being in an un-worn condition, the second service module removably installable on the printer and with respect to the first service module;

*El
Confid*

providing a set of instructions for using the second service module with the inkjet printer to the printer user, wherein the step of providing a set of instructions includes providing a set of machine readable printer instruction code for loading into the printer;

installing the second service module in the printer;
conducting a printhead-related service operation using the second service module.

20. (Amended) A method for servicing an inkjet printer including an inkjet printhead and a removable first service module, comprising:

providing a second service module different from the first service module and adapted to address a printhead-related service condition not adequately addressed by the first service module being in an un-worn condition, the second service module removably installable on the printer and with respect to the first service module;

providing a set of instructions for using the second service module with the inkjet printer to the printer user, wherein the printer is controlled by a host computer, and the step of providing a set of instructions includes downloading the set of printer instruction code from the host computer;

installing the second service module in the printer;

conducting a printhead-related service operation using the second service module.

*E4
Contd*

21. (Amended) A method for servicing an inkjet printer including an inkjet printhead and a removable first service module, comprising:

providing a second service module different from the first service module and adapted to address a printhead-related service condition not adequately addressed by the first service module being in an un-worn condition, the second service module removably installable on the printer and with respect to the first service module;

providing a set of instructions for using the second service module with the inkjet printer to the printer user, wherein the step of providing a set of instructions includes providing a set of human-readable printer instructions for using the second service module;

installing the second service module in the printer;

conducting a printhead-related service operation using the second service module.

22. (Amended) A method for servicing an inkjet printer including an inkjet printhead and a removable first service module, comprising:

providing a second service module different from the first service module and adapted to address a printhead-related service condition not adequately addressed by the first service module being in an un-worn condition, the second service module removably installable on the printer and with respect to the first service module;

installing the second service module in the printer;

conducting a printhead-related service operation using the second service module;

after completion of the printhead-related servicing operation, removing the second service module from the printer; and

E6 end

installing the first service module in the printer in place of the second service module.

25. (Amended) A method for servicing an inkjet printer including an inkjet printhead and a removable first service module, comprising:

E7

providing a second service module different from the first service module and adapted to address a printhead-related service condition not adequately addressed by the first service module being in an un-worn condition, the second service module removably installable on the printer and with respect to the first service module;

installing the second service module in the printer;

conducting a printhead-related service operation using the second service module;

wherein said printhead-related service condition includes ink accumulation on a printhead nozzle plate, and wherein in the second service module includes a wiper fabricated of silicon, or a textile, or a special rubber for removing the ink accumulation.

27. (Amended) A method for servicing an inkjet printer including an inkjet printhead and a removable first service module, comprising:

E8

providing a second service module different from the first service module and adapted to address a printhead-related service condition not adequately addressed by the first service module being in an un-worn condition, the second service module removably installable on the printer and with respect to the first service module;

installing the second service module in the printer;

conducting a printhead-related service operation using the second service module;

wherein said printhead-related service condition includes ink on a printhead carriage interconnect, and the second service module includes a cleaning element arranged to clean the interconnect during a special cleaning mode with the printhead removed from the carriage.
